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- Polycrystalline hexagonal boron nitride films on SiO_2 for III-V semiconductor applications. – J. L. Hurd, D. L. Perry, B. T. Lee, K. M. Yu, E. D. Bourret, and E. E. Haller; **4** (2), 350-4.

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- Mechanoelectric transduction in bone. – Dennis A. Chakkalakal; **4** (4), 1034-46.

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- Carbon films from polyacrylonitrile. – C. L. Renschler, A. P. Sylwester, and L. V. Salgado; **4** (2), 452-7.
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C/SiC
- aThe surface composition of silicon carbide powders and whiskers: An XPS study. – T. N. Taylor; **4** (1), 189-203.

C(a-carbon)
- Characterization of diamond films by Raman spectroscopy. – Diane S. Knight and William B. White; **4** (2), 385-93.

C(amorphous)
- Properties of carbon films deposited by pulsed laser vaporization from pyrolytic graphite. – A. P. Malshe, S. M. Chaudhari, S. M. Kanetkar, S. B. Ogale, S. V. Rajarshi, and S. T. Kshirsagar; **4** (5), 1238-42.

C(carbyne)
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C(diamond)
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- Structural imperfections in CVD diamond films. – W. Zhu, A. R. Badzian, and R. Messier; **4** (3), 659-63.

C(fiber)
- Pitch-based carbon fibers as studied by transmission electron microscopy. – T. Hamada, Y. Sajiki, M. Furuyama, T. Tomioka, and M. Endo; **4** (4), 1027-33.

C(graphite)
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C–(graphite)–As–Cs
- Cesium-antimony and cesium-arsenic intercalated graphite. – Abderrahim Essaddek, Jamal Assouik, and Philippe Lagrange; **4** (2), 244-7.

$C(graphite)AsF_5$
- Applications of graphite intercalation compounds. – M. Inagaki; **4** (6), 1560-8.

$C(graphite)/CuCl_2$
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C(graphite)/F
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C(graphite)–Sb–Cs
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- Infrared absorption spectroscopy of hydrogen and deuterium in CaO and SrO crystals. – J. L. Park and R. González; **4** (1), 224-31.

$Ca(OH)_2$
- Influence of chemical composition and inorganic admixtures on the electrical conductivity of hydrating cement pastes. – M. Perez-Pena, D. M. Roy, and F. D. Tamás; **4** (1), 215-23.

Cement
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$Cl_3Si(CH_2)_{11}SCOCH_3$
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- Generalized Bogue calculations for determining phase compatibility/equilibria: Assessing potential use of inorganic industrial by-products. – J. Majling, V. Jesenák, Della M. Roy, and Rustum Roy; **4** (2), 447-51.

$CoSi_2$/Si
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$CoSi_2$/Si(B; As)
- Stability of As and B doped Si with respect to overlaying $CoSi_2$ and $TiSi_2$ thin films. – K. Maex, G. Ghosh, L. Delaey, V. Probst, P. Lippens, L. Van den hove, and R. F. De Keersmaecker; **4** (5), 1209-17.

Co_2Si/Si
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Cu
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CuTi
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$DyBa_2Cu_3O_{7-x}$
- Phase characterization of dysprosium barium copper oxide thin films grown on strontium titanate by molecular beam epitaxy. – E. S. Hellman, D. G. Schlom, A. F. Marshall, S. K. Streiffer, J. S. Harris, Jr., M. R. Beasley, J. C. Bravman, T. H. Geballe, J. N. Eckstein, and C. Webb; **4** (3), 476-95.

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Fe
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FeB/Fe_2B/Fe–C;Cr;Ni
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Fe_3Al
- Kinetic paths of B2 and DO_3 order parameters: Experiment. – L. Anthony and B. Fultz; **4** (5), 1140-2.

Fe_3Al–Cr
- Effect of chromium on properties of Fe_3Al. – C. G. McKamey, J. A. Horton, and C. T. Liu; **4** (5), 1156-63.

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- Mechanical property and dislocation dynamics of GaAsP alloy semiconductor. – Ichiro Yonenaga, Koji Sumino, Gunzo Izawa, Hisao Watanabe, and Junji Matsui; **4** (2), 361-5.

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GaAs:Si
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GaP
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GaP/Si
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- The mechanism of laser-assisted CVD of germanium. – T. R. Gow, D. G. Coronell, and R. I. Masel; **4** (3), 634-40.

Ge/W
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IrO_2
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LaB_6
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$LaBa_2Cu_3O_y$
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$Li/K_2O \cdot MgO \cdot SiO_2$
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Li/SiO_2
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$LiNbO_3$:Ti
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Mesophase–pitch
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$MgO–SiO_2–Al_2O_3–Fe_2O_3$
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Mg_2TiO_4
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Mild steel
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Mo
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MoO_2
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MoS_2
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$Na_2O \cdot 3SiO_2$
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Nasicon
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Nb
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Nb/Al
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Nb/Al_2O_3
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$NbAl_3$
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Nb/GaAs
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Nd–Fe–B: (Al; Al_2O_3)
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Ni
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– Formation of a ternary silicide for Ni/Ti/Si (100) and Ni/$TiSi_2$ structures. – M. Setton, J. Van der Spiegel, and B. Rothman; **4** (5), 1218-26.
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NiAl
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Ni–Al
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Ni_3Al
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– A work-hardening model of the lower yield strength of discontinuously yielding alloys: Ni_3Al and mild steel. – E. M. Schulson; **4** (3), 470-2.

Ni–Al:B
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Ni_3Al:B
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Ni_3Al(B)
– Effect of grain shape on environmental embrittlement in Ni_3Al tested at elevated temperatures. – C. T. Liu and B. F. Oliver; **4** (2), 294-9.

Ni_3Al:(Hf, B)
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Ni_2AlTi
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Ni–Au
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Ni/B/Ni
– The formation of amorphous Ni–B by solid state and ion-beam reaction. – A. N. Campbell, J. C. Barbour, C. R. Hills, and M. Nastasi; **4** (6), 1303-6.

Ni–B(amorphous)
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NiBe
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Ni–Ge
– On the stability of Ni_3Ge. – A. K. Jena and M. C. Chaturvedi; **4** (6), 1417-20.

Ni–Pt
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NiTi
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Ni/Zr
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N_2O
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$^{18}O_2$
– Partial substitution of ^{18}O in $YBa_2Cu_3O_7$: Investigations of inhomogeneities and their effect on T_c. – William K. Ham, Steven W. Keller, James N. Michaels, Angelica M. Stacy, Dimitry Krillov, David T. Hodul, and Ronald H. Fleming; **4** (3), 504-14.

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Pd–As–B
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